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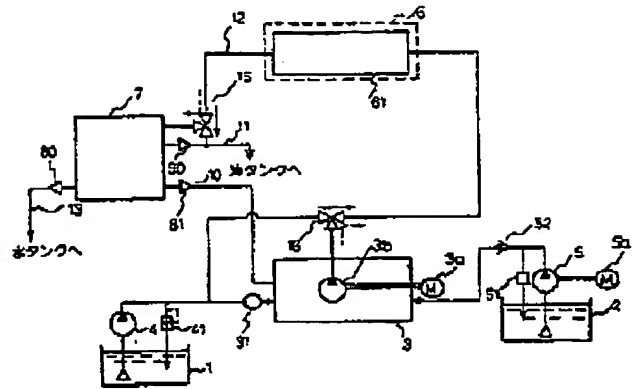
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INVENTOR : SHIMOTORI SHUICHI;

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TITLE : OIL/WATER SEPARATING DEVICE



ABSTRACT : PURPOSE: To provide an oil/water separating device which can prevent the useless consumption of the fuel in a fuel system by separating oil and water of the emulsion fuel which is returned from an engine or overflows, and inputting the oil and water is no an oil system and a water system, and using the oil and water again.

CONSTITUTION: An oil/water separating device 7 is equipped with a pipe 12 for introducing the emulsion fuel into the device 7, water distributing pipe 13 which is installed in the lower part of the water/oil separating device and joined with a water tank, oil pipe 11 which is installed in the upper part from the water distributing pipe and joined with a fuel tank, water level sensor for detecting the fact that the water in the water/oil separating device reaches a prescribed quantity, and an oil level sensor for detecting the fact that the oil in the oil/water separating device reaches a prescribed quantity. Accordingly, the first valve 80 which is installed in the water pipe and is opened when the water level sensor is turned ON and the second valve 90 which is installed in the oil pipe and is opened when the oil level sensor is turned ON are provided.

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